

## EXTENDABLE AND RETRACTABLE LEAD WITH AN ACTIVE FIXATION ASSEMBLY

5

### Abstract of the Disclosure

An extendable and retractable lead includes a lead body which extends from a distal end to a proximal end, where a conductor is disposed within the lead body. The lead assembly further includes a piston that is movably disposed within the lead body. A fixation helix is supported by the piston at a first portion of the fixation  
10 helix, where the first portion of the fixation helix forms a drive mechanism that advances and/or retracts the fixation helix.

"Express Mail" mailing label number: EV332568207US

Date of Deposit: September 29, 2003

This paper or fee is being deposited on the date indicated above with the United States Postal Service pursuant to 37 CFR 1.10, and is addressed to the Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.